PCT/GB99/01824

1

SEQUENCE LISTING

<110> Istituto Di Ricerche Di Biologia Molecolare P. Angeletti SpA Matassa, Victor Narjes, Frank Koehler, Konrad Ontoria, Jesus Poma, Marco <120> Peptide inhibitors of hepatitis C virus NS3 protease <130> KMN/FP5780044 <140> <141> <150> GB 9812523.0 <151> 1998-06-10 <160> 13 <170> PatentIn Ver. 2.1 <210> 1 <211> 4 <212> PRT <213> Artificial Sequence <220> <221> SITE <222> (1) <223> Xaa is diphenylalanine <220> <221> SITE * <222> (3)

<223> Xaa is cyclohexylalanine

PCT/GB99/01824

```
<220>
<221> SITE
<222> (4)
<223> Xaa is 4,4-difluoro-2-amino butyric acid
<220>
<223> Description of Artificial Sequence: Synthetic
      sequence
<400> 1
Xaa Glu Xaa Xaa
  1
<210> 2
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<221> SITE
<222> (6)
<223> Xaa is 4,4-difluoro-2-amino butyric acid
<220>
<223> Description of Artificial Sequence: Synthetic
      sequence
<400> 2
Asp Glu Met Glu Glu Xaa
                  5
  1
<210> 3
<211> 6
<212> PRT
<213> Artificial Sequence
```

```
<220>
 <221> SITE
 <222> (3)
 <223> Xaa is diphenylalanine
 <220>
 <221> SITE
 <222> (5)
 <223> Xaa is cyclohexylalanine
 <220>
 <221> SITE
 <222> (6)
 <223> Xaa is 4,4-difluoro-2-amino butyric acid
 <220>
 <223> Description of Artificial Sequence: Synthetic
       sequence
 <400> 3
 Asp Glu Xaa Glu Xaa Xaa
   1
                    5
 <210> 4
 <211> 6
 <212> PRT
 <213> Artificial Sequence
 <220>
 <221> SITE
 <222> (3)
 <223> Xaa is diphenylalanine
 <220>
 <221> SITE
° <222> (5)
 <223> Xaa is cyclohexylalanine
```

<213> Artificial Sequence

4

<220> <221> SITE <222> (6) <223> Xaa is a fluorinated hydrocarbon side chain <220> <223> Description of Artificial Sequence: Synthetic sequence <400> 4 Asp Glu Xaa Glu Xaa Xaa 1 5 <210> 5 <211> 6 <212> PRT <213> Artificial Sequence <220> <221> SITE <222> (6) <223> Xaa is a fluorinated hydrocarbon side chain <220> <223> Description of Artificial Sequence: Synthetic sequence <400> 5 Asp Glu Met Glu Glu Xaa 1 5 <210> 6 <211> 5 <212> PRT

```
<220>
<221> SITE
<222> (1)
<223> Asp as tertiary butyl ester
<220>
<221> SITE
<222> (2, 4, 5)
<223> Glu as tertiary butyl ester
<220>
<223> Description of Artificial Sequence: Synthetic
      sequence
<400> 6
Asp Glu Met Glu Glu
                  5
  1
<210> 7
<211> 5
<212> PRT
<213> Artificial Sequence
<220>
 <221> SITE
 <222> (1)
 <223> Asp as tertiary butyl ester
 <220>
 <221> SITE
 <222> (2, 4)
 <223> Glu as tertiary butyl ester
```

WO 99/64442 PCT/GB99/01824

```
<220>
<221> SITE
<222> (3)
<223> Xaa is diphenylalanine
<220>
<221> SITE
<222> (5)
<223> Xaa is cyclohexylalanine
<220>
<223> Description of Artificial Sequence: Synthetic
      sequence
<400> 7
Asp Glu Xaa Glu Xaa
                  5
<210> 8
<211> 17
<212> PRT
<213> Artificial Sequence
<220>
<221> MOD_RES
<222> (17)
<223> AMIDATION
<220>
<223> Description of Artificial Sequence: Synthetic
      sequence
<400> 8
Lys Lys Lys Gly Ser Val Val Ile Val Gly Arg Ile Ile Leu Ser Gly
                                      10
                                                          15
  1
                  5
```

The sale of the sa

```
<210> 9
<211> 13
<212> PRT
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Synthetic
      sequence
<400> 9
Asp Glu Met Glu Glu Cys Ala Ser His Leu Pro Tyr Lys
                  5
                                      10
  1
<210> 10
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<221> SITE
<222> (1)..(3)
<223> Phenyalanines are linked by an ether bond
<220>
<221> SITE
<222> (4)
<223> Xaa is 4,4-difluoro-2-amino butyric acid
<220>
<223> Description of Artificial Sequence: Synthetic
      sequence
<400> 10
Phe Glu Phe Xaa
  1
```

```
<210> 11
 <211> 6
 <212> PRT
 <213> Artificial Sequence
 <220>
 <221> SITE
 <222> (3)
 <223> Xaa is diphenylalanine
 <220>
 <221> SITE
 <222> (5)
 <223> Xaa is cyclohexylalanine
 <220>
 <221> SITE
 <222> (6)
 <223> Xaa is 3-amino-5,5-difluoro-pentanoic acid
 <220>
 <223> Description of Artificial Sequence: Synthetic
       sequence
 <400> 11
 Asp Glu Xaa Glu Xaa Xaa
                    5
   1
 <210> 12
 <211> 5
 <212> PRT
 <213> Artificial Sequence
 <220>
 <221> SITE
· <222> (2)
 <223> Xaa is diphenylalanine
```

```
<220>
 <221> SITE
 <222> (4)
 <223> Xaa is cyclohexylalanine
 <220>
 <221> SITE
 <222> (5)
 <223> Xaa is 4,4-difluoro-2-amino butyric acid
 <220>
 <223> Description of Artificial Sequence: Synthetic
       sequence
 <400> 12
 Glu Xaa Ile Xaa Xaa
   1
 <210> 13
 <211> 6
 <212> PRT
 <213> Artificial Sequence
 <220>
 <221> SITE
 <222> (3)
 <223> Xaa is diphenylalanine
 <220>
 <221> SITE
 <222> (5)
 <223> Xaa is cyclohexylalanine
 <220>
 <221> SITE
<222> (6)
 <223> Xaa is 4,4,4-trifluoro-2-amino- butyric acid
```

PCT/GB99/01824

WO 99/64442

10

<220>

<223> Description of Artificial Sequence: Synthetic sequence

<400> 13

Asp Glu Xaa Glu Xaa Xaa

1